

PVRL1/NECTIN1 Rabbit mAb

Catalog No.: A24992 **Recombinant**

Basic Information

Observed MW

Refer to figures

Calculated MW

57kDa/51kDa/39kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC65140

Background

This gene encodes an adhesion protein that plays a role in the organization of adherens junctions and tight junctions in epithelial and endothelial cells. The protein is a calcium(2+)-independent cell-cell adhesion molecule that belongs to the immunoglobulin superfamily and has 3 extracellular immunoglobulin-like loops, a single transmembrane domain (in some isoforms), and a cytoplasmic region. This protein acts as a receptor for glycoprotein D (gD) of herpes simplex viruses 1 and 2 (HSV-1, HSV-2), and pseudorabies virus (PRV) and mediates viral entry into epithelial and neuronal cells. Mutations in this gene cause cleft lip and palate/ectodermal dysplasia 1 syndrome (CLPED1) as well as non-syndromic cleft lip with or without cleft palate (CL/P). Alternative splicing results in multiple transcript variants encoding proteins with distinct C-termini.

Recommended Dilutions

FC 1:100 - 1:500

Immunogen Information

Gene ID

5818

Swiss Prot

Q15223

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

ED4; PRR; HlgR; HV1S; HVEC; OFC7; PRR1; PVRR; CD111; PVRL1; PVRR1; SK-12; CLPED1; nectin-1; PVRL1/NECTIN1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

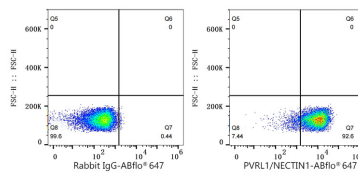
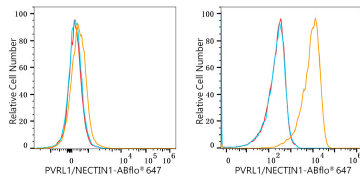
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Flow cytometry: 1×10^6 K-562 cells (Low Expression, left) and SH-SY5Y cells (right) were surface-stained with PVRL1/NECTIN1 Rabbit mAb (A24992, 2 $\mu\text{g}/\text{mL}$, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 $\mu\text{l}/\text{Test}$, blue line), followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 SH-SY5Y cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 $\mu\text{l}/\text{Test}$, left) or PVRL1/NECTIN1 Rabbit mAb (A24992, 2 $\mu\text{g}/\text{mL}$, right).